

CONTINUOUS ON-LINE CARBON ANALYZER

ABSTRACT OF THE DISCLOSURE

A continuous on-line combustion-type carbon
5 analyzer for water applications is provided. The
analyzer receives a continuous stream of sample and
carbon dioxide-free gas. The analyzer includes
control components to limit sample flow into a
combustion furnace such that excessive pressures and
10 thermal stresses are minimized. The sample specimen
is oxidized within the combustion furnace and the
oxidized sample is conveyed to a detector that
provides a continuous read-out of carbon quantity in
the sample stream.

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